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6-5-03

P.2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor : Ulrich BENZLER
Serial Number : 09/462,863
Filing Date : 05/08/2000
For : METHOD FOR GENERATING AN IMPROVED IMAGE SIGNAL WHEN
ESTIMATING THE MOTION OF IMAGE SEQUENCES, IN
PARTICULAR A PREDICTION SIGNAL FOR VIDEO IMAGES USING
MOTION-COMPENSATING PREDICTION
Examiner : AN, Shawn
Art Group : 2613

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Technology Center 2600

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Jong H. Lee

RULE 116 RESPONSE

SIR:

This Response addresses the final Office Action mailed March 12, 2003, and it is respectfully submitted that this response places the above-identified application in condition for allowance.

REMARKS

Claims 6-12 are pending in the present application.

Claims 6-10 and 12 stand rejected under 35 U.S.C. §103(a) as being unpatentable over "Hierarchical Motion Estimation Using The Phase Correlation Method In 140 Mbit/s HDTV-Coding" by Manfred Ziegler ("the Ziegler reference") in view of United States Patent No. 4,890,160 to Thomas ("the Thomas reference").

Claim 6 recites:

A method for generating an image signal when estimating a motion of image sequences, motion vectors indicating, for each picture block of a current image, a position of the picture block used for a prediction with respect to a chronologically preceding